

Water-Data Report 2008

01411318 PECK BAY AT OCEAN CITY, NJ

GREAT EGG HARBOR BAY

LOCATION.--Lat 39°15'15", long 74°37'38" referenced to North American Datum of 1983, Upper Township, Cape May County, NJ, Hydrologic Unit 02040302, on west bank, about 300 ft north of bridge on County Route 623 (Roosevelt Boulevard) at All Seasons Marina, 1.3 mi southeast of Marmora, 2.1 mi south of Great Egg Harbor Bay, and 3.3 mi southwest of Ocean City City Hall.

SURFACE-WATER RECORDS

PERIOD OF RECORD.--Continuous-record tide gage, water years 1975-1976 (located 300 ft south of current station), Apr 21, 2000 to current year.

Unpublished fragmentary gage-height record, May 22, 1997 to Apr 20, 2000. Annual maximum tide, water years 1979-1985, 1993 (located 300 ft south of current station). Prior to 1990, published as "Crook Horn Creek at Ocean City, NJ."

GAGE.--Water-stage recorder and crest-stage gage. Datum of gage is at 0.00 ft NAVD of 1988. To determine approximate elevations to NGVD of 1929, add 1.28 ft. To determine approximate elevations to Mean Lower Low Water datum, add 2.31 ft (revised to Tidal Epoch 1983-2001).

REMARKS.--Missing gage-height record on Oct 10 and short portions of other days. Summaries for months with short periods of missing gage-height record have been estimated with little or no loss of accuracy. Some periods cannot be estimated and are noted by dashed (---) lines. Satellite stage telemetry at station.

EXTREMES FOR PERIOD OF RECORD.--Maximum elevation recorded, 5.37 ft (adjusted to NAVD of 1988), Sep 27, 1985; minimum elevation recorded, -4.91 ft, Mar 9, 2008, although a lower tide likely occurred during period of missing record on Feb 17, 2007.

EXTREMES FOR CURRENT YEAR.--Maximum elevation recorded, 4.88 ft, May 12; minimum elevation recorded, -4.91 ft, Mar 9.

Statistics of Tide Elevations, in feet
Water Year October 2007 to September 2008

Month	Mean High Tide	Mean Water Level	Mean Low Tide
October	1.98	0.22	-1.69
November	1.78	0.00	-1.91
December	1.61	-0.17	-2.10
CALENDAR YEAR 2007	1.74	-0.03	-1.96
January	1.48	-0.29	-2.18
February	1.48	-0.31	-2.26
March	1.47	-0.28	-2.16
April	1.95	0.23	-1.68
May	2.18	0.43	-1.48
June	1.88	0.06	-1.91
July	1.79	-0.03	-1.98
August	1.98	0.20	-1.74
September	2.15	0.47	-1.39
WATER YEAR 2008	1.81	0.04	-1.87

01411318 PECK BAY AT OCEAN CITY, NJ—Continued

GAGE HEIGHT, FEET
WATER YEAR OCTOBER 2007 TO SEPTEMBER 2008

Day	High-high	Mean	Low-low	High-high	Mean	Low-low	High-high	Mean	Low-low	High-high	Mean	Low-low
	October				November				December			
1	2.60	0.25	-1.95	1.96	-0.19	-1.96	0.51	-1.25	-3.15	1.15	-0.43	-2.42
2	2.47	0.29	-1.73	2.63	0.78	-1.06	1.45	-0.26	-1.82	0.92	-0.87	-2.38
3	2.26	0.21	-1.64	3.65	2.17	-0.02	1.65	-0.60	-3.27	1.52	-0.53	-2.19
4	2.09	0.17	-1.71	2.05	0.23	-2.11	0.13	-1.61	-3.25	1.59	-0.85	-3.12
5	1.95	0.04	-1.74	1.64	-0.14	-2.17	1.35	---	-2.03	0.66	-1.18	-2.86
6	1.98	0.03	-1.82	2.34	0.03	-2.01	2.06	-0.02	-1.69	1.45	-0.51	-2.75
7	2.53	0.25	-1.85	1.41	-0.43	-2.44	1.87	-0.36	-2.21	2.17	-0.21	-2.20
8	2.19	0.45	-1.56	2.18	0.04	-2.20	1.77	-0.63	-2.54	2.10	-0.42	-2.47
9	3.07	0.77	-1.84	2.38	0.22	-1.84	1.94	-0.54	-2.71	2.08	-0.56	-2.83
10	---	---	---	2.70	0.71	-1.50	2.33	-0.13	-2.22	2.06	-0.51	-2.73
11	---	---	---	2.68	0.62	-1.05	2.33	-0.08	-2.08	2.36	0.03	-2.04
12	2.16	0.32	-1.62	2.10	-0.18	-2.16	1.87	-0.67	-2.75	2.22	0.00	-2.05
13	2.39	0.36	-1.50	2.25	-0.09	-1.88	2.44	0.00	-2.27	2.52	0.41	-1.67
14	2.14	0.03	-1.78	2.19	0.08	-1.65	2.27	0.11	-1.80	2.66	0.87	-1.28
15	2.10	0.04	-1.54	2.19	-0.09	-1.62	2.17	0.10	-1.93	1.98	-0.18	-2.44
16	1.96	-0.01	-1.63	1.27	-0.83	-2.64	3.54	1.39	-1.43	1.28	-0.69	-2.79
17	1.91	0.06	-1.36	1.17	-0.87	-2.52	0.61	-1.89	-3.81	1.90	0.22	-1.43
18	2.04	0.12	-1.35	1.90	0.05	-1.59	0.78	-1.16	-3.02	3.06	0.22	-2.48
19	2.25	0.41	-1.09	2.18	0.60	-1.32	1.64	-0.26	-2.34	1.82	-0.38	-2.46
20	2.15	0.21	-1.88	2.15	0.23	-2.11	2.28	0.00	-2.30	2.32	-0.47	-2.56
21	1.71	-0.31	-2.23	2.35	0.31	-2.05	2.80	0.97	-1.02	1.56	-1.03	-3.68
22	1.94	-0.20	-2.08	2.78	0.37	-1.69	3.39	0.88	-1.32	2.10	-0.79	-3.45
23	2.17	-0.02	-2.34	2.78	0.01	-2.84	3.20	0.60	-1.89	2.14	-0.61	-3.22
24	2.56	0.08	-2.55	2.81	-0.11	-2.75	2.86	-0.25	-2.75	2.45	-0.17	-3.07
25	3.50	1.38	-1.91	2.58	-0.35	-2.99	2.20	-0.83	-3.66	2.10	-0.47	-2.87
26	3.76	1.40	-1.03	2.59	-0.21	-2.94	2.76	0.25	-2.99	1.92	-0.36	-2.52
27	3.35	0.56	-2.03	2.18	-0.73	-3.16	3.34	1.04	-1.02	2.23	0.48	-1.45
28	2.68	-0.14	-2.67	1.81	-0.95	-3.68	2.06	0.02	-1.96	2.52	1.03	-0.65
29	2.80	0.03	-2.33	2.01	-0.46	-2.43	1.82	0.11	-1.90	2.25	0.46	-1.26
30	2.28	-0.30	-2.53	1.67	-0.75	-2.56	1.52	-0.01	-1.91	1.75	-0.58	-2.33
31	2.15	-0.21	-2.21	---	---	---	2.51	-0.06	-2.01	0.45	-0.90	-2.23
Max	3.76	1.40	-1.03	3.65	2.17	-0.02	3.54	1.39	-1.02	3.06	1.03	-0.65
Min	1.71	-0.31	-2.67	1.17	-0.95	-3.68	0.13	-1.89	-3.81	0.45	-1.18	-3.68

01411318 PECK BAY AT OCEAN CITY, NJ—Continued
GAGE HEIGHT, FEET
WATER YEAR OCTOBER 2007 TO SEPTEMBER 2008

Day	High-high	Mean	Low-low	High-high	Mean	Low-low	High-high	Mean	Low-low	High-high	Mean	Low-low
	February			March			April			May		
1	1.58	0.40	-1.33	1.21	-0.58	-2.00	1.30	-0.74	-2.65	1.89	0.21	-1.86
2	1.29	-1.04	-2.78	0.65	-1.05	-2.48	0.77	-0.91	-2.80	2.48	0.40	-2.00
3	1.02	-0.88	-2.45	1.14	-0.74	-2.40	1.41	-0.68	-2.86	3.28	0.99	-1.37
4	1.78	-0.25	-2.63	1.42	-0.62	-2.41	---	---	-2.93	3.05	0.77	-1.91
5	2.23	-0.03	-2.23	2.08	-0.13	-2.24	2.60	0.17	-2.47	3.04	0.35	-2.32
6	2.40	-0.10	-2.31	2.23	-0.15	-2.43	3.90	1.04	-2.18	3.04	0.19	-2.47
7	2.51	0.18	-2.12	---	---	-2.56	3.84	1.46	-1.00	2.99	0.18	-2.33
8	3.01	0.49	-1.99	---	---	-2.39	3.06	1.13	-1.36	1.40	-0.11	-2.62
9	2.57	0.20	-2.30	0.30	-2.19	-4.91	1.87	0.23	-2.19	2.69	---	-1.93
10	2.30	-0.41	-2.99	1.53	-1.29	-4.45	2.75	-0.06	-2.25	3.52	---	-1.19
11	0.28	-1.95	-4.38	1.55	-0.54	-3.04	2.35	-0.02	-2.06	2.72	1.17	-1.09
12	0.57	---	---	2.36	-0.21	-2.49	2.50	0.21	-1.65	4.88	3.62	1.78
13	2.21	0.23	-1.52	1.91	-0.24	-2.34	2.28	0.19	-1.64	3.60	1.77	-0.32
14	2.48	-0.06	-2.39	2.42	0.29	-1.50	2.23	0.25	-1.91	2.31	0.77	-1.21
15	1.79	-0.78	-2.96	2.66	0.67	-1.24	1.79	0.01	-1.84	2.40	0.67	-1.30
16	1.73	-0.55	-2.61	3.07	1.06	-0.47	1.72	-0.17	-2.30	2.76	0.78	-1.15
17	2.22	-0.05	-2.19	2.04	0.23	-1.64	2.17	0.20	-1.98	2.32	0.67	-1.21
18	2.37	0.00	-2.01	2.50	0.74	-1.72	2.22	0.32	-1.68	2.71	0.48	-1.65
19	2.13	-0.61	-2.96	2.95	1.02	-1.19	2.36	0.12	-1.98	2.24	0.17	-1.96
20	1.61	-0.96	-3.73	2.28	0.29	-2.13	2.74	0.35	-1.80	2.68	0.27	-1.82
21	1.77	-0.68	-3.28	1.04	-1.05	-3.64	2.66	0.78	-1.12	2.57	0.38	-1.65
22	2.30	-0.01	-2.89	1.88	-0.81	-3.60	2.31	0.36	-1.44	2.24	0.09	-1.70
23	2.38	0.27	-1.98	1.87	-0.31	-2.60	2.09	-0.05	-1.82	2.19	-0.12	-1.94
24	1.88	-0.04	-2.10	1.79	-0.36	-2.30	2.03	-0.22	-1.88	1.21	0.11	-1.66
25	1.53	-0.46	-2.42	1.78	-0.18	-2.17	1.07	0.03	-1.65	2.24	0.00	-1.66
26	2.28	0.00	-1.95	0.19	-0.73	-2.50	2.12	0.59	-1.28	1.97	-0.31	-1.98
27	1.26	-0.11	-1.90	1.46	-0.30	-1.90	2.46	0.76	-0.58	1.35	-0.52	-2.42
28	1.00	-1.03	-2.69	1.79	-0.09	-1.55	2.38	0.72	-0.75	1.55	-0.05	-1.79
29	0.78	-0.54	-1.83	1.66	-0.28	-1.70	2.28	0.45	-1.13	1.40	-0.34	-2.25
30	---	---	---	1.34	-0.33	-1.61	2.06	0.23	-1.56	1.61	-0.42	-2.64
31	---	---	---	1.25	-0.38	-1.84	---	---	---	---	---	-2.42
Max	3.01	0.49	-1.33	3.07	1.06	-0.47	3.90	1.46	-0.58	4.88	3.62	1.78
Min	0.28	-1.95	-4.38	0.19	-2.19	-4.91	0.77	-0.91	-2.93	1.21	-0.52	-2.64

01411318 PECK BAY AT OCEAN CITY, NJ—Continued
GAGE HEIGHT, FEET
WATER YEAR OCTOBER 2007 TO SEPTEMBER 2008

Day	High-high	Mean	Low-low									
	June			July			August			September		
1	2.63	---	-2.54	2.80	0.16	-2.31	3.00	0.40	-2.10	2.26	0.12	-2.12
2	2.83	0.10	-2.52	2.73	-0.01	-2.54	2.83	0.37	-2.10	2.30	0.23	-2.07
3	2.89	-0.01	-2.70	2.52	-0.25	-2.78	2.48	0.29	-2.04	2.60	0.59	-1.32
4	3.11	---	-2.68	2.80	-0.19	-2.75	2.22	0.07	-2.15	2.06	0.12	-1.59
5	2.92	0.16	-2.24	2.66	0.11	-2.24	2.15	0.19	-2.01	1.87	-0.04	-1.78
6	2.70	0.03	-2.29	1.82	0.09	-2.05	2.15	0.31	-1.62	2.58	0.58	-1.27
7	1.47	-0.15	-2.31	2.42	-0.07	-2.09	2.22	0.42	-1.43	1.83	-0.25	-1.80
8	2.34	-0.18	-2.37	1.91	-0.28	-2.32	2.21	0.34	-1.45	1.70	-0.18	-1.51
9	2.21	0.02	-2.12	1.44	-0.34	-2.37	2.04	0.23	-1.41	1.74	0.01	-1.48
10	1.97	0.11	-2.00	1.78	-0.11	-1.94	2.10	0.29	-1.38	2.20	0.27	-1.02
11	1.85	0.12	-1.90	1.88	0.02	-1.77	2.05	0.32	-1.16	1.97	0.12	-1.49
12	1.67	-0.11	-1.98	1.76	-0.02	-1.68	2.15	0.20	-1.42	2.14	0.03	-1.75
13	1.67	-0.19	-2.06	2.08	0.10	-1.57	2.35	0.13	-1.63	2.35	0.08	-1.94
14	2.03	-0.07	-1.90	2.11	0.11	-1.63	2.38	0.26	-1.58	2.50	0.34	-1.86
15	2.46	0.35	-1.51	2.23	0.06	-1.72	2.51	0.33	-1.64	2.26	0.05	-2.26
16	2.43	0.40	-1.44	2.31	0.04	-1.74	2.36	0.13	-1.92	2.44	0.22	-2.24
17	2.49	0.28	-1.85	2.28	-0.05	-2.01	2.37	0.00	-2.08	2.59	0.33	-2.00
18	2.57	0.32	-1.51	2.21	-0.16	-2.06	2.23	-0.13	-2.32	2.54	0.33	-2.09
19	2.53	0.27	-1.47	2.07	-0.30	-2.26	2.17	-0.08	-2.32	3.24	1.04	-1.23
20	2.32	0.08	-1.72	2.15	-0.30	-2.28	2.33	0.19	-1.82	2.82	0.74	-1.21
21	2.17	-0.05	-1.82	2.32	0.01	-2.06	1.89	-0.18	-2.29	2.37	0.19	-1.70
22	1.18	-0.07	-1.89	1.65	0.03	-1.91	2.08	-0.14	-2.34	2.52	0.34	-1.85
23	2.26	0.07	-1.66	2.14	0.04	-2.00	2.19	-0.08	-2.19	2.89	1.01	-0.78
24	2.17	-0.15	-1.99	1.79	-0.09	-2.00	2.16	-0.02	-2.05	3.10	1.16	-0.62
25	1.77	-0.30	-2.26	1.84	-0.15	-2.18	2.24	0.00	-2.02	3.93	1.99	-0.28
26	1.70	-0.13	-2.20	1.94	-0.17	-2.37	2.57	0.38	-1.33	3.16	1.67	-0.38
27	2.00	0.16	-1.90	2.51	0.02	-2.16	2.78	0.39	-1.80	2.81	0.85	-1.43
28	2.27	0.28	-1.88	2.52	0.26	-2.03	2.89	0.49	-1.88	2.72	0.88	-1.22
29	2.51	0.24	-2.02	2.52	0.07	-2.39	2.96	0.63	-1.72	2.73	0.70	-1.43
30	2.76	0.16	-2.33	2.91	0.15	-2.36	2.54	0.37	-2.12	2.63	0.57	-1.78
31	---	---	---	3.05	0.33	-2.19	2.37	0.19	-2.11	---	---	---
Max	3.11	0.40	-1.44	3.05	0.33	-1.57	3.00	0.63	-1.16	3.93	1.99	-0.28
Min	1.18	-0.30	-2.70	1.44	-0.34	-2.78	1.89	-0.18	-2.34	1.70	-0.25	-2.26

Water-Data Report 2008
01411318 PECK BAY AT OCEAN CITY, NJ—Continued

